

Electronic Patent Application Fee Transmittal

Application Number:	10801208			
Filing Date:	16-Mar-2004			
Title of Invention:	Methods of manufacturing semiconductor devices having a ruthenium layer via automatic layer deposition			
First Named Inventor/Applicant Name:	Kwang-hee Lee			
Filer:	D. Randal Ayers/Michele McMahan			
Attorney Docket Number:	5649-1277			
Filed as Large Entity				
Utility Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Notice of appeal	1401	1	510	510
Filing a brief in support of an appeal	1402	1	510	510
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1020